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DATE: 11/06/2002 P.6

PATENT APPLICATION: US/10/083,246A

TIME: 14:32:02

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 5 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNEY

6 DISEASE

8 <130> FILE REFERENCE: 1133/2002

10 <140> CURRENT APPLICATION NUMBER: US 10/083,246A

C--> 11 <141> CURRENT FILING DATE: 2002-10-15

13 <160> NUMBER OF SEQ ID NOS: 168

15 <170> SOFTWARE: PatentIn version 3.1

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 14136

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TIME: 14:32:02

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF4\11062002\J083246A.raw

200	cctgatccag	caggtccttg	ccgagggggt	cagcagccca	gccccctacc	aagacaccca	10680
201	catggaaacg	gacctgctca	gcagcctgtc	cagcactcct	ggggagaaga	cagagacgct	10740
202	ggcgctgcag	aggetggggg	agctggggcc	acccagccca	ggcctgaact	gggaacagcc	10800
203	ccaggcagcg	aggetgtcca	ggacaggact	ggtggagggt	ctgcggaagc	gcctgtgtgc	10860
204	ggcctggtgt	gcctccctgg	cccacgggct	cagcctgtct	ctggtggctg	tggtgtgtgc	10920
205	tgtctcaggg	tgggtgggtg	cgagcttccc	cccgggcggt	agtgttgctg	ggctcctgtc	10980
206	cagcagcgcc	agcttctctg	cctcattcct	cggtcgggag	ccactgaagg	tcttgctgga	11040
207	agccctgtac	ttctcactgg	tggccaagcg	gctgcacccc	gatgaagatg	acaccctggt	11100
208	agagagcccg	gctgtgacgc	ctgtgagcgc	acgtgtgccc	cgcgtaacgc	caccccacgg	11160
209	ctttgcactc	ttcctggcca	aggaagaagc	ccgcaaggct	aagaggctac	atggcatgct	11220
210	gcggagcctc	ctggtgtaca	tgtttttct	gctggtgacc	ctgctggcca	gctatgggga	11280
211	tgcctcatgc	catgggcacg	cctaccgtct	gcaaagcgcc	atcaagcagg	agctgcacag	11340
212	ccgggccttc	ctggccatca	cgcggtctga	ggagctctgg	ccatggatgg	cccacgtgct	11400
213	gctgcccctac	gtccacggga	accagtccag	cccagagctg	gggccccccac	ggctgcggca	11460
214	ggtgcggctg	caggaagcac	tctaccaga	ccctcccggc	cccagggtcc	acacgtgtct	11520
215	ggccgcagga	ggcttcagca	ccagcgatta	cgacgttggt	tgggagagtc	ctcacaatgg	11580
216	ctcggggacg	tgggcctatt	cagcgccgga	tctgctgggg	gcctggtcct	ggggctcctg	11640
217	tgcctgttat	gacagcgggg	gctacgtgca	ggagctgggg	ctgagcctgg	aggagagccg	11700
218	cgaccggctg	cgcttccctg	agctgcacaa	ctggctggac	aacaggagcc	gcctgtgtgt	11760
219	cctggagctc	acgcgctaca	gcccggccgt	ggggctgcac	gcccgcgtca	cgctgcgcct	11820
220	cgagttcccg	gcggccggcc	gcgccttggc	cgccctcagc	gtccgcccct	ttgcgtgtgc	11880
221	ccgctcagc	gcgggctct	cgctgcctct	gtcacctctg	gtgtgcctgc	tgctgttctg	11940
222	cgtgcacttc	gccgtggccg	aggcccgtac	ttggcacagg	gaaggcgct	ggcgctgct	12000
223	gcggctcgga	gctggggcgc	ggtggctgct	ggtggcgctg	acggcgccca	cggcactggt	12060
224	acgcctcgcc	cagctgggtg	ccgctgaccg	ccagtggacc	cgtttctgtg	gcggccgccc	12120
225	gcgcgccttc	actagcttct	accagggtgg	gcagctgagc	tccgcagccc	gtggcctggc	12180
226	ggcctcgtct	ctcttctctg	ttttggtcaa	ggctgcccag	cagctacgct	tctgtgcgca	12240
227	gtggtccgtc	tttggaaga	cattatgccg	agctctgcca	gagctcctgg	gggtcacctt	12300
228	gggcttgggt	gtgctcgggg	tagcctacgc	ccagctggcc	atcctgtctg	tgtcttctct	12360
229	tgtggaactc	ctctggagcg	tggcccaggc	cctgttgggt	ctgtgcccct	ggactgggct	12420
230	ctctaccctg	tgtcctgccc	agtccctggc	cctgtcaccc	ctgtgtgtgt	tggggctctg	12480
231	ggcactgcgg	ctgtggggcg	ccctacggct	gggggctggt	attctccgct	ggcgctacca	12540
232	cgcttgcgtg	ggagagctgt	accggccggc	ctgggagccc	caggactacg	agatggtgga	12600
233	gttgttctct	cgcaggctgc	gcctctggat	gggctcagc	aaggctcaagg	agttccgcca	12660
234	caaagtccgc	tttgaaggga	tggagccgct	gcccctctgc	tcctccaggg	gctccaaggt	12720
235	atccccggat	gtgccccac	ccagcgctgg	ctccgatgcc	tgcaccccct	ccacctctct	12780
236	cagccagctg	gatgggctga	gcgtgagcct	gggcggcgct	gggacaagg	gtgagcctga	12840
237	gccctcccgc	ctccaagcgc	tgttcgaggc	cctgtcacc	cagtttgacc	gactcaacca	12900
238	ggccacagag	gacgtctacc	agctggagca	gcagctgcac	agcctgcaag	gccgcaggag	12960
239	cagccggggc	cccgcgggat	cttcccgtgg	cccatccccg	ggcctgcggc	cagcactgcc	13020
240	cagccgcctt	gcccgggcca	gtcgggggtg	ggacctggcc	actggcccca	gcaggacacc	13080
241	ccttcggggc	aagaacaagg	tccaccccag	cagcacttag	tcctccttcc	tggcgggggt	13140
242	gggcctgga	gtcggagtgg	acaccgctca	gtattacttt	ctgcgcgtgt	caaggccgag	13200
243	ggccaggcag	aattggctga	cgtaggttcc	ccagagagca	ggcaggggca	tctgtctgtc	13260
244	tgtgggcttc	agcactttaa	agaggctgtg	tggccaacca	ggacccaggg	tcccctcccc	13320
245	agctcccttg	ggaaggacac	agcagtattg	gacggtttct	agcctctgag	atgctaattt	13380
246	atttccccga	gtcctcaggt	acagcgggct	gtgcccggcc	ccaccccctg	ggcagatgtc	13440
247	ccccactgct	aaggctgctg	gcttcaggga	gggttagcct	gcaccgccc	cacctgccc	13500
248	ctaagttatt	acctctccag	ttcctaccgt	actccctgca	ccgtctcact	gtgtgtctct	13560

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/083,246A

DATE: 11/06/2002
TIME: 14:32:03

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF4\11062002\J083246A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 719,1277,1278,1279,1280,1288,1289,1638,1967,2248,2251,2254
Seq#:2; N Pos. 2283,2585,2586,2625,2932,2949,2972,2978,3406,3419,3604,3675
Seq#:2; N Pos. 3849,4132,4337,4367,4368,4369,4396,4404,5700,5701,5702,6611
Seq#:2; N Pos. 6628,6637,6700,6733

VERIFICATION SUMMARY

DATE: 11/06/2002

PATENT APPLICATION: US/10/083,246A

TIME: 14:32:03

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF4\11062002\J083246A.raw

L:11 M:271 C: Current Filing Date differs. Replaced Current Filing Date

L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:660
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1260
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1620
L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1920
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2220
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2280
L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2580
L:375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2880
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2940
L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3360
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3600
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3660
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3840
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:4080
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:4320
L:425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:4380
L:467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:5640
L:469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:5700
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:6600
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:6660
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:6720